Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX.

Abbot, S. A., Death of, 739.
Academy of Sciences of Aix, Letter from, 747.
Achromatization of Approximately Monochromatic Interference Fringes by a Highly Dispersive Medium, and the Consequent Increase in the Allowable Path-Difference, 593–600, 739.
Air, Resistance of, and the Question of Flying, 747; Viscosity of, 609–626, 744.
Air Thermometers, A Manometer Device for, 539–545, 738.
Aladdin Oven, The Process of Cooking in, 737.
Alkali Metals, Arc Spectra of the, 437–453, 739.
Allen, G. M., The Heredity of Coat Color in Mice, 59–163.
Alnus, Synopsis of the Mexican and Central American Species of, 24–28.
American Chemical Society, Program of, 748.
Analysis, A Machine for Averaging Curves for the Purpose of Harmonic, 744, 745.
Anolis carolinensis Cuv., The Effect of Heat on the Color Changes in the Skin of, 455–466, 739.
Assessment, Annual, Amount of, 755.
Atkinson, Edward, Diffusion of Light shown by its Transmission through Various Types of Glass, 737; Peat and its Manufacture, 737; The Process of Cooking in the Aladdin Oven, 737; Uralite, 737.
Atomic Weight of Iodine, Revision of, 417–436, 739.
Atomic Weight of Strontium, Revision of, 601–607, 745.
Autocatalytic Decomposition of Silver Oxide, 717–733, 747, 753.
Balloons, Registration, First Observations obtained with, in America, 746.
Barnard, J. M., Death of, 738.
Baxter, G. P., A Revision of the Atomic Weight of Iodine, 417–436, 739.
Belgian Society of Astronomy, Letter from, 738.
Bermuda Banks, Shoal-Water Deposits of, 557–592, 744.
Bermuda Biological Station for Research, Contributions from, 557.
Bigelow, H. B., The Shoal-Water Deposits of the Bermuda Banks, 557–592, 744.
Blackwell, H. L., Dispersion in Electric Double Refraction, 747.
Blake, Francis, Letter on purchase of estate No. 28 Newbury Street, 739; Report of Treasurer, 748; Resolution of thanks to, 757.
Blakeslee, A. F., Sexual Reproduction in the Mucorineae, 203–321.
Bôcher, Maxime, A Problem in Statics and its Relation to Certain Algebraic Invariants, 467–484.
Boissier, G., accepts membership, 738.
Boutwell, G. S., Death of, 746.
Bowditch, Charles P., elected Treasurer, 756.
Brace, D. B., Grant from the Income of the Rumford Fund to, 752.
Brackett, H. D., Temporal Clauses in Herodotus, 745.
Building Fund, 750.
Bunsen, Robert, Monument to, 748.

Caesium, 451.
Calorimetry, The Elimination of Thermometric Lag and Accidental Loss of Heat in, 747.

Canadian Petroleum with High Boiling Points, Hydrocarbons in, 334–340.
Carbon Dioxide, The Coefficient of Expansion of Hydrogen and, under Constant Pressure, 747.
Carter, J. C., Death of, 748.
Case School of Applied Science. *See* Chemical Laboratory of.
Cast Iron, On the Properties of Magnets made from Hardened, 699–715, 745.
Cesnola, L. P. di, Death of, 742.
Chemical Laboratory of Case School of Applied Science, Contributions from, 321.
Chemical Laboratory of Harvard College, Contributions from, 417, 601, 657, 717.
Clark, A. L., Grant from the Income of the Rumford Fund to, 752; On Surface Tension at the Boundary between Liquids and Vapors, 758.
Clayton, H. H., A Machine for Averaging Curves for the Purpose of Harmonic Analysis, 744, 745.
Coche, Venezuela, New Plants from, 681–698, 745.
Color Changes in the Skin of Anolis carolinensis Cuv., The Effect of Heat on the, 455–466, 739.
Color in Mice, Heredity of Coat, 59–163.
Colorado Canyon, Double Unconformity in, 748.
Committee on Accommodations for the Academy, Reappointment of, 737; Report of, 740.
Committee to consider whole Subject of Library Accommodations, Appointment of, 741; Report of, 742.
Committees, Standing, appointed, 756; List of, 776.
Conductivity, The Electrical, of very Dilute Hydrochloric and Nitric Acid Solutions, 397–415.
Conics with Parallel Axes, Isothermal Systems of, 745.
Cornu, Mme., Letter from, 746.
Cosmoline, Composition of Commercial, 361–362.
Council, Report of, 748, 761.
Crater, Section of, formed naturally in Slag, 744.
Cross, C. R., Description of a Mechanical Model devised by Professor Schwamb to illustrate the Theory of Rotary Polarization of Light, 739; Report of the Rumford Committee, 751.
Cryptogamic Laboratory, Contributions from, 203.
Curves, A Machine for Averaging, for the Purpose of Harmonic Analysis, 744, 745.

Davis, H. N., A *PQ* Plane for Thermodynamic Cyclic Analysis, 627–655, 744, 753.
Davis, W. M., The Double Unconformity in the Colorado Canyon, 748.
De Candolle prize, 745.
Decomposition, Autocatalytic, of Silver Oxide, 717–733, 747.
Deposits of the Bermuda Banks, Shoal-Water, 557–592, 744.
Dicotyledons, Some New Species of Mexican and Nicaraguan, 52–57.
Dioxide, Carbon, The Coefficient of Expansion of Hydrogen and, under Constant Pressure, 747.
Dispersion of Sodium Vapor in the Visible and Ultra-Violet Regions, A Quantitative Determination of the Anomalous, 363–396, 739.
Drown, T. M., Death of, 742.

Edwards, Harold, A Manometer Device for Air Thermometers, 539–545, 738; Notes on Resistance Measurements in Platinum Thermometry, 547–555, 738.
Electrical Circuits, Effects of Sudden Changes in the Inductances and the Resistances of, 757.
Electrical Conductivity of very Dilute Hydrochloric and Nitric Acid Solutions, 397–415.
Errors, A New General Theory of, 165–202.
Estate No. 28 Newbury Street, Purchase of, 739.
Eupatorieae, Diagnoses and Notes relating to American, 748.

Fellows, Associate, deceased, —
Carter, James C., 748.
Cesnola, L. P. di, 742.
Drown, T. M., 742.
Packard, Alpheus S., 746.
Fellows, Associate, elected, —
Munroe, Charles E., 757.
Fellows, Associate, List of, 781.
Fellows, Resident, deceased, —
Abbot, S. L., 739.
Barnard, J. M., 738.
Boutwell, G. S., 746.
Hoar, George F., 738.
Fellows, Resident, elected, —
Williston, Samuel, 757.
Fellows, Resident, List of, 777.
Fernald, M. L., Some New Species of Mexican and Nicaraguan Dicotyledons, 52–57; Synopsis of the Mexican and Central American Species of Alnus, 24–28.
Fitzgerald-Lorentz Effect, Experiment to detect the, 758.
Fluospar, The Luminescence of, 758.
Flying, Resistance of the Air and the Question of, 747.
Folk-Lore and Medicine, The Mandragora of the Ancients in, 485–537.
Forbes, G. S. *See* Richards, T. W., Forbes, G. S., and Henderson, L. J.
Foreign Honorary Members, List of, 783.
Freeman, J. R., Letter from, 745.

Galvanometer, A Simple Device for reading the Deflections of a Mirror, 758.
Ganong, W. F., resigns Fellowship, 748.
Gases at High Temperatures, Spectra of, 738.
General Fund, 749; Appropriations from the Income of, 754.
Geographical Society of Bordeaux, Letter from, 747.
Goodwin, H. M., and Haskell, R., The Electrical Conductivity of very Dilute Hydrochloric and Nitric Acid Solutions, 397–415.
Grants from Income of Rumford Fund, 751.
Gray Herbarium of Harvard University, Contributions from, 1, 681, 745, 748.
Greenman, J. M., Diagnoses and Synonymy of Mexican and Central American Spermatophytes, 28–52. *See* Robinson, B. L., and Greenman, J. M.

Hague, J. D., accepts Fellowship, 738.
Hall, E. H., Grant from the Income of the Rumford Fund, 752, 755; On a Measurement of the Thomson Thermo-Electric Effect in Soft Iron, 744; Report of the Council, 748, 761.
Harmonic Analysis, A Machine for averaging Curves for the Purpose of, 744, 745.
Harnach, A., accepts Membership, 738.
Harvard University. *See* Chemical Laboratory, Cryptogamic Laboratory, Gray Herbarium, Jefferson Physical Laboratory, and Zoölogical Laboratory.
Haskell, R. *See* Goodwin, H. M., and Haskell, R.
Heat, The Effect of, on the Color Changes in the Skin of Anolis carolinensis Cuv., 455–466, 739.
Henderson, L. J. *See* Richards, T. W., Forbes, G. S., and Henderson, L. J.
Heredity of Coat Color in Mice, 59–163.
Herodotus, Temporal Clauses in, 745.
Hieracium, Revision of the Mexican and Central American Species of, 14–24.
Higginson, T. W. Biographical Notice of George Frisbie Hoar, 745, 761.
Hilgard, E. W., accepts Fellowship, 738.
Hoar, G. F., Death of, 738; Notice of, 745, 761.
Hogg, J. L., Viscosity of Air, 609–626, 744.
Hydrocarbons in Canadian Petroleum with High Boiling Points, 334–340; in Ohio Trenton Limestone Petroleum, 321–334; in Santa Barbara Crude Oil, 340–346; Separation of Solid Paraf-

fine, from Petroleum without Evaporation, 347–349; Solid Paraffine, that collect in Oil Wells in Pennsylvania, 349–355.
Hydrochloric Acid Solutions, Electrical Conductivity of, 397–415.
Hydrogen and Carbon Dioxide under Constant Pressure, The Coefficient of Expansion of, 747.

Interference Fringes, Achromatization of Approximately Monochromatic, 593–600, 739.
Invariants, A Problem in Statics and its Relation to Certain Algebraic, 467–484.
Iodine, Revision of the Atomic Weight of, 417–436, 739.

Jaggar, J. T., Some Results of the Study of the Volcano Pelée, 757.
Jefferson Physical Laboratory, Contributions from, 539, 547, 609, 627, 699.
Johnston, J. R., New Plants from the Islands of Margarita and Coche, Venezuela, 681–698, 745.
Jones, W. W., A Revision of the genus Zexmenia, 748.

Kent, N. A., Grant from the Income of the Rumford Fund to, 752; The Relative Positions of the Arc and Spark Lines of the Spectra of Titanium and Zinc, 748.
Kinnicutt, L. P., Report of the C. M. Warren Committee, 753.
Klein, F., accepts Membership, 738.

Lamb, A. B. *See* Richards, T. W., and Lamb, A. B.
Le Jolis, A. F., Death of, 738.
Lewis, G. N., Autocatalytic Decomposition of Silver Oxide, 717–733, 747, 753.
Librarian, Report of, 750.
Library, Appropriations for, 754.
Light, Diffusion of, shown by its Transmission through Glass, 737; Rotary Polarization of, 739.
Light of very Short Wave-Length, 746.
Liquids and Vapors, Surface Tension at the Boundary between, 758.
Liquids, New Methods of determining the Specific Heat and the Reaction-Heat of, 657–680, 747, 753.
Lithium, 443.
Lyman, Theodore, On Light of very Short Wave-Length, 746.
Lyon, D. G., The Semitic Museum, 744.

Mabery, C. F., Composition of Commercial Paraffine, 355–360; Composition of Commercial Vaseline, Cosmoline, and Similar Products, 361–362; The Hydrocarbons in Canadian Petroleum with High Boiling Points, 334–340; Hydrocarbons in Santa Barbara Crude Oil, 340–346; On the Composition of Petroleum, 321–362; The Solid Paraffine Hydrocarbons that collect in Oil Wells in Pennsylvania, 349–355.
Mabery, C. F., and Palm, O. R., The Hydrocarbons in Ohio Trenton Limestone Petroleum, 321–334.
Mabery, C. F., and Sieplein, O. J., Separation of Solid Paraffine Hydrocarbons from Petroleum without Evaporation, 347–349.
Macon Academy, Letter from, 746.
Magnets made of Hardened Cast Iron, On the Properties of, 669–715.
Mandragora of the Ancients in Folk-Lore and Medicine, 485–537.
Manometric Device for Air Thermometers, 539–545, 738.
Margarita, Venezuela, New Plants from, 681–698, 745.
Mark, E. L., Report of the Committee of Publication, 754. *See* Zoölogical Laboratory of the Museum of Comparative Zoölogy at Harvard College, Contributions from.
Mark, K. L. *See* Richards, T. W., and Mark, K. L.
Massachusetts Historical Society, Letter from, 742; Vote of thanks to, 742.
Massachusetts Institute of Technology. *See* Research Laboratory of Physical Chemistry.
Medicine, The Mandragora of the Ancients in Folk-Lore and, 485–535.

Mice, Heredity of Coat Color in, 59–163.
Miller, D. C. *See* Morley, E. W., and Miller, D. C.
Mills, H. F., Biographical Notice of Charles Storer Storrow, 748, 769.
Mommsen, Theodor, Monument to, 738.
Morgan, M. H., the Stature of the Ancient Romans, 741.
Morley, E. W., and Miller, D. C., An Experiment to detect the Fitzgerald-Lorentz Effect, 758.
Morse, H. W. Grant from the Income of the Rumford Fund to, 746, 752; The Luminescence of Fluospar, 758.
Mucorineae, Sexual Reproduction in, 203-321.
Munroe, C. E., elected Associate Fellow, 757.
Museum of Comparative Zoölogy at Harvard College. *See* Zoölogical Laboratory.

National Library of Turin, Letter from, 738.
Natural Science Society of Schleswig-Holstein, Letter from, 747.
Nitric Acid Solutions, Electrical Conductivity of, 397–415.
Nominating Committee, 746.
Number Systems, Hyper Complex, The Extension to, in general of the Quarternion Scalar Function, 747.

Officers, elected, 756; List of, 775.
Ohio Trenton Limestone Petroleum, Hydrocarbons in 321–334.
Oil Wells in Pennsylvania, Solid Paraffine Hydrocarbons that collect in, 349–355.
Oxide, Silver, Autocatalytic Decomposition of, 717–733, 747, 753.

Packard, A. S., Death of, 746.
Palm, O. R. *See* Mabery, C. F., and Palm, O. R.
Paraffine, Composition of Commercial, 355–360.
Paraffine Hydrocarbons, Separation of Solid, from Petroleum without Evaporation 347–349; Solid, that collect in Oil Wells in Pennsylvania, 349–355.
Parker, G. H., and Starratt, S. A., The Effect of Heat on the Color Changes in the Skin of Anolis carolinensis Cuv., 455–466, 739.
Peat, and its Manufacture, 737.
Peirce, B. O., On a Simple Device for Reading the Deflections of a Mirror Galvanometer, 758; On Isothermal Systems of Conics with Parallel Axes, 745; On the Effects of Sudden Changes in the Inductances and the Resistances of Electrical Circuits, 757; On the Properties of Magnets made of Hardened Cast Iron, 699–715, 745.
Pelée, Some Results of the Study of the Volcano, 757.
Pennsylvania Oil Wells, Solid Paraffine Hydrocarbons that collect in, 349–355.
Petroleum, On the Composition of, 321–362.
Pickering, W. H., Section of a Crater formed naturally in Slag, 744.
Pierce, G. W., Resonance in Wireless Telegraphy, 738.
Plants found upon Swan Island in the Caribbean Sea, List of, 745.
Plants, New, from the Islands of Margarita and Coche, Venezuela, 681–698, 745.
Platinum Thermometry, Notes on Resistance Measurements in, 547–555, 738.
Polarization, Rotary, of Light, 739.
Potassium, 447.
PQ Plane for Thermodynamic Cyclic Analysis, 627–655, 744.
Prudden, T. M., accepts Fellowship, 738.
Publication, Appropriation for, 754; Committee of, 756; Report of, 754.
Purchase of estate No. 28 Newbury Street, 739.

Randolph, C. B., The Mandragora of the Ancients in Folk-Lore and Medicine, 485–537.
Reaction-Heat of Liquids, New Methods of Determining, 657–680, 747, 753.
Records of Meetings, 737.

Refraction, Dispersion in Electric Double, 747.
Research Laboratory of Physical Chemistry of the Massachusetts Institute of Technology, Contributions from, 397.
Resistance Measurements in Platinum Thermometry, 547–555, 738.
Richards, T. W., A Revision of the Atomic Weight of Strontium. Second Paper. — The Analysis of Strontic Chloride, 601–607, 745.
Richards, T. W., and Lamb, A. B., New Methods of determining the Specific Heat and the Reaction-heat of Liquids, 657–680, 747, 753.
Richards, T. W., and Mark, K. L., The Coefficient of Expansion of Hydrogen and Carbon Dioxide under Constant Pressure, 747.
Richards, T. W., Forbes, G. S., and Henderson, L. J., The Elimination of Thermometric Lag and Accidental Loss of Heat in Calorimetry, 747.
Robinson, B. L., Diagnoses and Notes relating to American Eupatorieae, 748.
Robinson, B. L., and Greenman, J. M., Revision of the Genus Sabazia, 1–6; Revision of the Mexican and Central American Species of Hieracium, 14–24; Revision of the Mexican and Central American Species of Trixis, 6–14.
Romans, Stature of the Ancient, 741.
Rotch, A. L., On the First Observations obtained with Registration Balloons in America, 746; Report of Librarian, 750.
Royal Academy of Turin, Letter from, 746.
Royal Hungarian Society, Letter from, 747.
Royal Prussian Academy of Sciences, Medal commemorating the Bicentennial Jubilee of, 738.
Rubidium, 448.
Rumford Committee, Report of, 751; Reports of Progress to, 753.
Rumford Fund, 749; Appropriations from the Income of, 754; Pamphlet relating to, 744; Papers published by Aid of, 363, 437, 593, 627, 657, 717.
Rumford Premium, 753, 795.

Sabazia, Revision of the Genus, 1–6.
Samuelson, Arnold, Resistance of the Air and the Question of Flying, 747.
Santa Barbara Crude Oil, Hydrocarbons in, 340–346.
Saunders, F. A., Some Additions to the Arc Spectra of the Alkali Metals, 437–453, 739. 753.
Scalar Function, The Extension to Hyper Complex Number Systems in General of the Quarternion, 747.
Schwamb, Professor, Mechanical Model to illustrate the Theory of Rotary Polarization of Light, devised by, 739.
Semitic Museum, 744.
Sexual Reproduction in the Mucorineae, 203–321.
Sharples, S. P., Swan Island in the Caribbean Sea, with a List of Plants found upon it, 745.
Sieplein, O. J. *See* Mabery, C. F., and Sieplein, O. J.
Silver Oxide, Autocatalytic Decomposition of, 717–733, 747, 753.
Slag, Section of a Crater formed naturally in, 744.
Smyth, H. W., accepts Fellowship, 738.
Sodium, 445.
Sodium Vapor in the Visible and Ultra-Violet Regions, Quantitative Determination of the Anomalous Dispersion of, 363–396, 739.
Specific Heat and the Reaction-Heat of Liquids, New Methods of Determining the, 657–680, 747, 753.
Spectra of Gases at High Temperatures, 738.
Spectra of the Alkali Metals, Some Additions to the Arc, 437–453, 739.
Spectra of Titanium and Zinc, Relative Positions of the Arc and Spark Lines of, 748.

Spermatophytes, Diagnoses and Synonymy of Mexican and Central American, 28–52, 748.
Standing Committees, appointed, 756.
Standing Votes, 794.
Starratt, S. A. *See* Parker, G. H. and Starratt, S. A.
Statics, A Problem in, and its Relation to Certain Algebraic Invariants, 467–484.
Stature of the Ancient Romans, 741.
Statutes, 785; Amendment of, 755.
Storrow, C. S., Notice of, 769.
Story, W. E., A New General Theory of Errors, 165–202.
Strontic Chloride, The Analysis of, 601–607.
Strontium, Revision of the Atomic Weight of, 601–607.
Swan Island in the Caribbean Sea, with a List of Plants found upon it, 745.

Taber, H., The Extension to Hyper Complex Number Systems in General of the Quarternion Scalar Function, 747.
Thermodynamic Cyclic Analysis, A *PQ* Plane for, 627–655, 744.
Thermometers, A Manometric Device for Air, 539, 545, 738.
Thermometry, Notes on Resistance Measurements in Platinum, 547–555, 738.
Thomson Thermo-Electric Effect in Soft Iron, Measurement of, 744.
Thwing, C. B., Grant from the Income of the Rumford Fund, 752.
Titanium, The Relative Positions of the Arc and Spark Lines of the Spectra of, 748.
Treasurer, Report of, 748.
Trixis, Revision of the Mexican and Central American Species of, 6–14.
Trowbridge, J., Grant from the Income of the Rumford Fund, 755, 752; Spectra of Gases at High Temperatures, 738.
Uralite, 737.

Vapors, Surface Tension at the Boundary between Liquids and, 758.
Vaseline, Composition of Commercial, 361–362.
Venezuela, New Plants from the Islands of Margarita and Coche, 681–698, 745.
Villari, P., accepts membership, 738.
Viscosity of Air, 609–626, 744.

Warren (C. M.) Committee, Report of, 753.
Warren (C. M.) Fund, 750; Appropriation from the Income of, 755; Papers published by Aid of, 321.
Williston, Samuel, elected Resident Fellow, 757.
Wind, C. H., Letter from, 747.
Wireless Telegraphy, Resonance in, 738.
Wood R. W., The Achromatization of Approximately Monochromatic Interference Fringes by a highly Dispersive Medium, and the Consequent Increase in the Allowable Path-Difference, 593–600, 739, 753; Grant from the Income of the Rumford Fund to, 751; A Quantitative Determination of the Anomalous Dispersion of Sodium Vapor in the Visible and Ultra-Violet Regions, 363–396, 739, 753.

Zexmenia, Revision of the Genus, 748.
Zinc, The Relative Positions of the Arc and Spark Lines of the Spectra of Titanium and, 748.
Zoölogical Laboratory of the Museum of Comparative Zoölogy at Harvard College, E. L. Mark, Director, Contributions from, 59, 455.